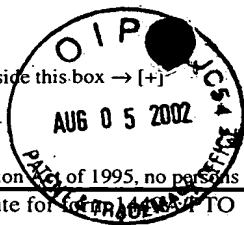


Please type a plus sign (+) inside this box → [ + ]



PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

### COMPLETE IF KNOWN

Application Number	10/058,717
Confirmation Number	6822
Filing Date	January 28, 2002
First Named Inventor	Panandiker et al.
Group Art Unit	<del>Not Yet Assigned</del> 1762
Examiner Name	<del>Not Yet Assigned</del> CAMERON
Attorney Docket Number	8296R2

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
ECC		4,254,139		Hendrickson et al.	3/3/1981	
		4,380,453		Claiborne	4/19/1983	
		4,494,264		Wattiez et al.	1/22/1985	
		5,881,412		Ziskind	3/16/1999	
		3,414,459		Wells	12/3/1968	
		3,905,863		Ayers	9/16/1975	
		3,929,135		Thompson	12/30/1975	
		3,944,694		McQueary	3/16/1976	
		3,956,556		McQueary	5/11/1976	
		3,974,025		Ayers	8/10/1976	
		4,007,300		McQueary	2/8/1977	
		4,012,540		McQueary	3/15/1977	
		4,191,609		Trokhan	3/4/1980	
		4,324,246		Mullane et al.	4/13/1982	
		4,342,314		Radel et al.	8/3/1982	
		4,463,045		Ahr et al.	7/31/1984	
		4,780,352		Palumbo	10/25/1988	
		5,006,394		Baird	4/9/1991	
		5,520,875		Wnuk et al.	5/28/1996	
ECC		5,881,412		Ziskind	3/16/1999	

RECEIVED  
AUG 07 2002  
TC 1700

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
ECC		EP 0 325 944	A1	Weber	1/11/1989		
ECC		JP 07024951		Masaaki	7/8/1993		
ECC		WO 96/00548		Ouellette et al.	1/11/1996		
ECC		WO 95/03765		Chappell et al.	2/9/1995		

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

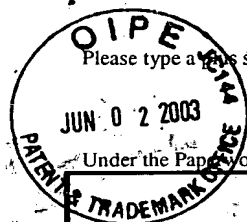
EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>

EXAMINER

ERMA CAMERON

DATE CONSIDERED

7/16/03



Please type a (+) sign (+) inside this box → (+)

RECEIVED  
JUN 05 2003  
TC 1700

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

COMPLETE IF KNOWN

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

Application Number	10/058,717
Confirmation Number	6822
Filing Date	January 28, 2002
First Named Inventor	Yousef Georges Aouad
Group Art Unit	1762
Examiner Name	Not Yet Assigned CAMERON
Attorney Docket Number	8296R2

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
ECC	1	4,380,453	Apr. 19, 1983	Claiborne	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
ECC	2	EP 1 020 513 A2	Jul. 19, 2000	Foster, et al.		
ECC	3	WO 02/33040 A1	Apr. 25, 2002	Panandiker, et al.		

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
EXAMINER	ERMA CAMERON		DATE CONSIDERED 7/16/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-00)

Approved for use through 10/31/2002 OMB 0651-0031  
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		COMPLETE IF KNOWN	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)	Application Number	10/058,217	<b>RECEIVED</b> JUN 25 2002 PATENT & TRADEMARK OFFICE
	Confirmation Number	6824	
	Filing Date	January 28, 2002	
	First Named Inventor	Aouad et al.	
	Group Art Unit	Not Yet Assigned 1762	
	Examiner Name	Not Yet Assigned CAMERON	
	Attorney Docket Number	8296R2	

SHEET 1 of 1

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
ECC		3,694,364	Edwards	9/26/1972	
ECC		3,816,321	Kleinschmidt	6/11/1974	
ECC		3,929,678	Laughlin et al.	12/30/1975	
ECC		4,065,257	Coe et al.	12/27/1977	
ECC		4,259,217	Murphy	3/31/1981	
ECC		5,451,337	Liu et al.	9/19/1995	
ECC		5,474,576	Thoen et al.	12/12/1995	
ECC		5,478,489	Fredj et al.	12/26/1995	
ECC		5,534,182	Kirk et al.	7/9/1996	
ECC		5,627,151	Detering et al.	5/6/1997	
ECC		5,698,476	Johnson et al.	12/16/1997	
ECC		6,008,316	Foster Jr. et al.	12/28/1999	

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
ECC		WO 99/15614	Shih et al.	4/1/1999		
ECC		WO 00/35880	Shih et al.	6/22/2000		
ECC		WO 98/49259	Dixon et al.	11/5/1998		
ECC		WO 97/42286	Ghosh et al.	11/13/1997		
ECC		EP 0 634 486	A1 Kirk et al.	1/18/1995		
ECC		EP 0 753 566	A2 Kirk et al.	1/15/1997		

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
ECC		Kirk-Othermer Encyclopedia of Chemical Technology; 3 <sup>rd</sup> Edition; Volume 6; Pgs. 386-426	

EXAMINER	ERMA CAMERON	DATE CONSIDERED	7/16/03
----------	--------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.